

UNITED STATES DISTRICT COURT  
WESTERN DISTRICT OF WASHINGTON  
AT SEATTLE

## STATE OF WASHINGTON.

Plaintiff,

V.

The UNITED STATES DEPARTMENT OF THE NAVY, an agency within the United States Department of Defense; MARK T. ESPER, in his official capacity as Acting United States Secretary of Defense; RICHARD V. SPENCER, in his official capacity as Secretary of the Navy; TODD C. MELLON, in his official capacity as Acting Assistant Secretary of the Navy, Energy, Installations & Environment; and CAPTAIN MATTHEW L. ARNY, in his official capacity as Commanding Officer of Naval Air Station Whidbey Island.

## Defendants.

## I. INTRODUCTION

1. The State of Washington challenges the United States Navy's Record of Decision, signed on March 12, 2019, and the associated Final Environmental Impact Statement published on September 28, 2018, which authorize an approximate 33 percent increase in the Navy's EA-18G Growler aircraft operations at Naval Air Station Whidbey Island. Washington further challenges the Navy's March 8, 2019 Section 106 determination. Washington brings this case under the National Environmental Policy Act (NEPA), 42 U.S.C. §§ 4321–4370m-12.

1 the National Historic Preservation Act (NHPA), 54 U.S.C. §§ 300101–307108, and the  
 2 Administrative Procedure Act (APA), 5 U.S.C. § 551–706.

3       2. The Navy's Record of Decision expands the Navy's operations of EA-18G  
 4 Growler aircrafts by adding 36 aircrafts and 628 Navy personnel to NAS Whidbey Island and  
 5 increasing annual airfield operations at the Whidbey Island Complex to more than 112,000  
 6 operations annually. EA-18G Growlers, which provide electronic warfare capabilities, are the  
 7 loudest aircraft currently operating at Naval Air Station Whidbey Island.

8       3. The Navy's expansion of EA-18G Growler operations will significantly impact  
 9 the people, landscape, and wildlife of Whidbey Island and the broader region. The increased  
 10 noise from Growler operations will adversely affect public health, public schools, and historic  
 11 areas, including the Central Whidbey Island Historic District and Ebey's Landing National  
 12 Historical Reserve. In addition, Growler flights threaten to disturb habitat for various bird  
 13 species, including marbled murrelets and tufted puffins, other terrestrial wildlife, and marine  
 14 mammals, including harbor seals.

15       4. Given these significant potential impacts of the Navy's Growler expansion,  
 16 federal law requires the Navy to take a hard look at the environmental impacts of its proposed  
 17 action and carefully consider impacts to historic resources and mitigation measures to reduce  
 18 those impacts. As part of the environmental and historic review processes, Washington state  
 19 agencies and officials expressed concerns regarding the public health, environmental, and  
 20 historic impacts associated with the Growler program.

21       5. Washington recognizes the important role of the Navy in protecting national  
 22 security, ensuring military readiness, and keeping our troops safe abroad. However,  
 23 Washington seeks to ensure that the Navy complies with applicable federal laws in operating  
 24 its training programs in the state. Accordingly, Washington files this lawsuit to compel  
 25 Defendants to comply with NEPA, the APA, and the NHPA in connection with its Record of  
 26

1 Decision, EIS, and Section 106 decision authorizing expanded EA-18G Growler operations at  
 2 Naval Air Station Whidbey Island.

3 **II. JURISDICTION**

4 6. This action arises under the National Environmental Policy Act,  
 5 42 U.S.C. §§ 4321–4370m-12, its implementing regulations, adopted by the Council on  
 6 Environmental Quality (CEQ) and applicable to all agencies (CEQ NEPA Regulations),  
 7 40 C.F.R. Parts 1500–1508, and the Navy’s implementing regulations, 32 C.F.R. Part 775, the  
 8 Administrative Procedure Act, 5 U.S.C. §§ 551–706, and the National Historic Preservation  
 9 Act, 54 U.S.C. §§ 300101–307108, and its implementing regulations, 36 C.F.R. Part 800. This  
 10 Court has jurisdiction over Washington’s claims pursuant to 28 U.S.C. § 1331 (action arising  
 11 under the laws of the United States) and 5 U.S.C. §§ 701–706 (Administrative Procedure Act).  
 12 An actual controversy exists between the parties within the meaning of 28 U.S.C. § 2201(a),  
 13 and the Court may issue declaratory and injunctive relief under 28 U.S.C. §§ 2201–02 and  
 14 5 U.S.C. §§ 705–706.

15 7. The United States has waived sovereign immunity for claims arising under the  
 16 APA. 5 U.S.C. § 702.

17 8. Washington is a “person” within the meaning of 5 U.S.C. § 551(2), authorized  
 18 to bring suit under the APA to challenge unlawful final agency action. 5 U.S.C. § 702.

19 9. Because NEPA and the NHPA do not have a private cause of action, claims  
 20 challenging NEPA or NHPA violations are reviewed under the APA. *Pit River Tribe v. U.S.*  
 21 *Forest Serv.*, 469 F.3d 768, 778 (9th Cir. 2006).

22 10. By commenting on the Draft Environmental Impact Statement and participating  
 23 in the NHPA process, Washington has exhausted all available administrative review processes.

24 11. The Navy’s Record of Decision for the Final Environmental Impact Statement  
 25 (EIS) for EA-18G “Growler” Airfield Operations at Naval Air Station Whidbey Island  
 26 Complex is a final agency action subject to review under the APA.

### III. VENUE

12. Venue is proper in this Court pursuant to 28 U.S.C. § 1331(e) because this is a civil action in which officers or employees of the United States or an agency thereof are acting in their official capacity or under color of legal authority and a substantial part of the events or omissions giving rise to Washington's claims occurred within this judicial district.

## IV. PARTIES

13. Plaintiff State of Washington is a sovereign entity and brings this action to protect its own quasi-sovereign and proprietary rights. The Attorney General is the chief legal advisor to the State of Washington. The Attorney General's powers and duties include acting in federal court on matters of public concern. This challenge is brought pursuant to the Attorney General's independent constitutional, statutory, and common law authority to bring suit and obtain relief on behalf of the State of Washington based on impacts to the state's proprietary interests. This challenge is also brought pursuant to the Attorney General's authority to bring actions under Washington's interest, as *parens patriae*, in the general health and well-being of its residents.

14. States have a unique role in the NEPA and NHPA processes. The Navy's regulations implementing NEPA encourage "[c]lose and harmonious planning relations with ... states, for cooperation and resolution of mutual land use and environment-related problems." 32 C.F.R. § 775.10. Under the NHPA, the Navy is required to consult with the State Historic Preservation Officer to develop and evaluate alternatives or modifications to the proposed action that could avoid, minimize, or mitigate adverse effects on historic properties. 54 U.S.C. § 302303; 36 C.F.R. § 800.2(c)(1); 36 C.F.R. § 800.6(a). Washington interests are thus protected by NEPA and the NHPA.

15. The Navy's expansion of its EA-18G Growler operations will directly harm Washington's interests in the health, safety, and welfare of its residents. The Navy's expansion will also directly impact Washington's proprietary interest in the state's wildlife, state parks,

1 and public schools. The area impacted by this expansion and the increased noise it will  
 2 generate includes at least ten public schools, seven state parks, important areas for bird habitat,  
 3 important state historic sites, and state-owned tidelands and waterways. The expanded Growler  
 4 operations will adversely impact the Central Whidbey Island Historic District and Ebey's  
 5 Landing National Historical Reserve, which Washington State Parks collaboratively manages  
 6 with Island County, the Town of Coupeville, and the National Park Service as a member of the  
 7 Ebey's Landing Trust Board. The Navy's expanded Growler operations will also adversely  
 8 impact Washington's wildlife, including threatened marbled murrelets, tufted puffins,  
 9 migratory birds, harbor seals, fish, and other wildlife. Washington has expended significant  
 10 resources to preserve state and federal threatened and endangered species like the marbled  
 11 murrelet and the tufted puffin and to manage the health of its migratory bird, fish, and wildlife  
 12 populations. Washington's interests will be harmed by the Navy's expanded Growler  
 13 operations, which will increase noise disruption on state lands and in public schools, increase  
 14 impacts to wildlife from Growler operations, and increase impacts to important state historic  
 15 sites.

16       16. Washington also has a procedural interest in the Navy's decision to expand  
 17 Growler operations at the Whidbey Island Complex because the state participated in the  
 18 administrative review process. Several state agencies, including the Washington Department of  
 19 Fish and Wildlife, the Washington Department of Health, the Washington Department of  
 20 Ecology, and the Washington State Historic Preservation Office participated in the Navy's  
 21 review of environmental and historic impacts of an expanded Growler program. Through this  
 22 participation, Washington expressed its interest in the Navy's compliance with its  
 23 environmental review obligations under NEPA and its historic preservation obligations under  
 24 the NHPA. The Navy's failure to comply with NEPA in developing the challenged EIS and the  
 25 Navy's failure to reach a reasoned decision on preserving historical sites affected by its  
 26

1 expanded Growler operations harms Washington's procedural and substantive interest. *See Ctr.*  
 2 *for Biological Diversity v. Mattis*, 868 F.3d 803, 816 (9th Cir. 2017).

3       17. Preparation of a legally sufficient environmental impact statement that takes a  
 4 hard look at these impacts to the State's proprietary and quasi-sovereign interests will provide  
 5 additional information that could result in a different final decision from the Navy on how it  
 6 will operate its Growler program at the Whidbey Island Complex. In addition, the Navy's  
 7 reasonable consideration of mitigation measures to better protect historic resources in the  
 8 action area will reduce adverse impacts to historic resources in the state. This review will also  
 9 remedy the procedural harms to the state. *See Ctr. for Biological Diversity*, 868 F.3d at 816;  
 10 *Citizens for Clean Energy v. U.S. Dep't of the Interior*, \_\_ F.Supp.3d \_\_, Case Nos. CV-17-30-  
 11 GF-BMM and CV-17-42-FG-BMM, 2019 WL 1756296, at \*3-\*5 (D. Mont. Apr. 19, 2019)  
 12 (Washington and other states have standing to bring NEPA challenge). Accordingly,  
 13 Washington has standing to bring this action.

14       18. Defendant United States Navy is an agency within the United States  
 15 Department of Defense subject to the authority, direction and control of the Acting Secretary  
 16 of Defense.

17       19. Defendant Dr. Mark T. Esper is Acting United States Secretary of Defense and  
 18 is named as a defendant in his official capacity.

19       20. Defendant Richard V. Spencer is the Secretary of the Navy and is named as a  
 20 defendant in his official capacity. Secretary Spencer is responsible for the Navy's Section 106  
 21 decision under the NHPA. 54 U.S.C. § 306114.

22       21. Defendant Todd C. Mellon is the Acting Assistant Secretary of the Navy,  
 23 Energy, Installations & Environment and is named in his official capacity. Acting Assistant  
 24 Secretary Mellon replaced Phyllis L. Bayer who resigned on March 30, 2019 after signing the  
 25 Record of Decision challenged in this action. Acting Assistant Secretary Mellon is responsible  
 26 for enhancing combat capabilities for the warfighter and greater energy security; the

1 acquisition and disposal of real property; construction and maintenance of installations;  
 2 protecting the safety and occupational health of the military and civilian personnel;  
 3 environmental protection, planning and restoration ashore and afloat; and conservation of  
 4 natural and cultural resources.

5       22. Defendant Captain Matthew L. Arny is the Commanding Officer of Naval Air  
 6 Station Whidbey Island and is named in his official capacity.

7           **V. STATUTORY AND REGULATORY BACKGROUND**

8           **National Environmental Policy Act**

9       23. NEPA is the “basic national charter for protection of the environment.” 40  
 10 C.F.R. § 1500.1. “NEPA requires that a federal agency consider every significant aspect of the  
 11 environmental impact of a proposed action and inform the public that it has indeed considered  
 12 environmental concerns in its decisionmaking process.” *Pit River Tribe v. U.S. Forest Serv.*,  
 13 469 F.3d 768, 781 (9th Cir. 2006) (quoting *Earth Island Inst. v. U.S. Forest Serv.*, 442 F.3d  
 14 1147, 1153–54 (9th Cir. 2006)). “The NEPA process is intended to help public officials make  
 15 decisions that are based on understanding of environmental consequences, and take actions that  
 16 protect, restore, and enhance the environment.” 40 C.F.R. § 1500.1(c). The Council on  
 17 Environmental Quality (“CEQ”) promulgated rules implementing NEPA, which apply to all  
 18 federal agencies, including the Navy. *See* 40 C.F.R. pt. 1500.

19       24. For “major Federal actions significantly affecting the quality of the human  
 20 environment,” federal agencies must prepare an environmental impact statement. 42 U.S.C.  
 21 § 4332(C). CEQ regulations define “major federal actions” to include “new and continuing  
 22 activities” with “effects that may be major and which are potentially subject to federal control  
 23 and responsibility.” 40 C.F.R. § 1508.18. For purposes of NEPA, the “human environment”  
 24 includes “the natural and physical environment” as well as “the relationship of people with that  
 25 environment.” *Id.* § 1508.14.

1       25. An EIS must contain a detailed discussion of direct, indirect, and cumulative  
 2 environmental impacts, *Id.* §§ 1508.7, 1508.8; 1502.16, and appropriate measures to mitigate  
 3 adverse environmental impacts, *Id.* §§ 1502.14, 1502.16. *City of Sausalito v. O'Neill*, 386 F.3d  
 4 1186, 1206 (9th Cir. 2004). Impacts or effects of a proposed action include “ecological (such  
 5 as the effects on natural resources and on the components, structures, and functioning of  
 6 affected ecosystems), aesthetic, historic, cultural, economic, social, or health, whether direct,  
 7 indirect, or cumulative.” *Id.* § 1508.8. An agency must ensure the “professional integrity,  
 8 including scientific integrity, of the discussions and analyses in environmental impact  
 9 statements” and “shall identify any methodologies used and shall make explicit reference by  
 10 footnote to the scientific and other resources relied upon for conclusions in the statement.” *Id.*  
 11 § 1502.24. NEPA’s implementing regulations also require that an agency address “appropriate  
 12 mitigation measures not already included in the proposed action or alternatives.” *Id.*  
 13 § 1502.14(f); *see also id.* § 1502.16(h).

14       26. In addition, a final EIS should respond to comments received on the draft EIS  
 15 by, among other options, supplementing, improving, or modifying the analysis or explaining  
 16 why the comments do not warrant further agency response, citing the sources, authorities, or  
 17 reasons which support the agency’s position. *Id.* § 1503.4(a).

18 **National Historic Preservation Act**

19       27. “[T]he fundamental purpose of the NHPA is to ensure the preservation of  
 20 historical resources.” *Te-Moak Tribe of W. Shoshone of Nevada v. U.S. Dep’t of Interior*, 608  
 21 F.3d 592, 609 (9th Cir. 2010). Consistent with this purpose, Section 106 of the NHPA requires  
 22 federal agencies to consider the effects of federal undertakings on any district, site, building,  
 23 structure, or object that is included in or eligible for inclusion in the National Register prior to  
 24 approving the undertaking. 54 U.S.C. § 306108; 36 C.F.R. § 800.1. “An adverse effect is found  
 25 when an undertaking may alter, directly or indirectly, any of the characteristics of a historic  
 26 property that qualify the property for inclusion in the National Register in a manner that would

1 diminish the integrity of the property’s location, design, setting, materials, workmanship,  
 2 feeling, or association.” 36 C.F.R. § 800.5(a)(1). If an agency finds that an adverse effect will  
 3 occur, then the agency shall engage in further consultation to resolve adverse effects to historic  
 4 properties through avoidance, minimization, or mitigation. *Id.* §§ 800.5(a)(2), 800.6(b);  
 5 800.8(c)(1)(v).

6       28.     “Like NEPA, ‘[s]ection 106 of NHPA is a “stop, look, and listen” provision that  
 7 requires each federal agency to consider the effects of its programs.” *Te-Moak Tribe of W.*  
 8 *Shoshone of Nev.*, 608 F.3d at 607.

9       29.     State historic preservation officers serve as a consulting party in the Section 106  
 10 process by advising and assisting federal agencies “to ensure that historic property is taken into  
 11 consideration at all levels of planning and development.” 54 U.S.C. § 302303(b)(6); 36 C.F.R.  
 12 §§ 800.2(c)(1); 800.6(a). Agencies should initiate consultation “early in the undertaking’s  
 13 planning, so that a broad range of alternatives may be considered during the planning process  
 14 for the undertaking.” *Pit River Tribe*, 469 F.3d at 787 (quoting 36 C.F.R. § 800.1(c)).

15       30.     If the action agency and consulting parties are unable to agree on how adverse  
 16 effects will be resolved, consultation may be terminated if further consultation would not be  
 17 productive. 36 C.F.R. § 800.7(a). Where the action agency terminates consultation, the head of  
 18 the agency shall request comments from the Advisory Council on Historic Preservation and  
 19 consider those comments in reaching a final decision on the undertaking. *Id.* § 800.7(c)(4). A  
 20 final decision on the undertaking must summarize the decision, provide rationale for the  
 21 decision, and demonstrate consideration of the Council’s comments. *Id.*

22       31.     The NHPA’s implementing regulations encourage federal agencies to  
 23 coordinate Section 106 compliance with the NEPA process. 36 C.F.R. § 800.8.

24 **Administrative Procedure Act**

25       32.     Judicial review of agency decisions under NEPA and the NHPA occurs under  
 26 the Administrative Procedure Act. *Pit River Tribe*, 469 F.3d at 778.

1       33. The Administrative Procedure Act, 5 U.S.C. §§ 551–706, governs the  
 2 procedural requirements for agency decision-making. Under the APA, a “reviewing court shall  
 3 ... hold unlawful and set aside” agency action found to be “arbitrary, capricious, an abuse of  
 4 discretion, or otherwise not in accordance with law.” 5 U.S.C. § 706. “[A]n agency rule would  
 5 be arbitrary and capricious if the agency has relied on factors which Congress has not intended  
 6 it to consider, entirely failed to consider an important aspect of the problem, offered an  
 7 explanation for its decision that runs counter to the evidence before the agency, or is so  
 8 implausible that it could not be ascribed to a difference in view or the product of agency  
 9 expertise.” *Greater Yellowstone Coal., Inc. v. Servheen*, 665 F.3d 1015, 1023 (9th Cir. 2011)  
 10 (quoting *Motor Vehicle Mfs. Ass’n v. State Farm Mut. Auto. Ins. Co.*, 463 U.S. 29, 43 (1983)).

## 11                   **VI. FACTUAL AND PROCEDURAL BACKGROUND**

### 12                   **Naval Air Station Whidbey Island Complex**

13       34. The Navy operates the Naval Air Station Whidbey Island Complex on Whidbey  
 14 Island.

15       35. Whidbey Island is a 40-mile long irregularly shaped island located in northern  
 16 Puget Sound. The island has natural prairies, high bluffs, rugged beaches, protected coves,  
 17 farmlands, and forests. Whidbey Island encompasses a number of popular state parks,  
 18 including Deception Pass State Park, Duguailla State Park, Joseph Whidbey State Park, Fort  
 19 Ebey State Park, Fort Casey Historical State Park, Possession Point State Park, and South  
 20 Whidbey State Park. Whidbey Island and the surrounding area provide important habitat to a  
 21 variety of protected species, including marbled murrelets, tufted puffins, and harbor seals.

22       36. The Naval Air Station Whidbey Island Complex is the sole naval aviation  
 23 support in the Pacific Northwest and includes four separate sites: the main air station at Ault  
 24 Field; Outlying Landing Field (OLF) Coupeville; the Seaplane Base; and Lake Hancock.

25       37. The challenged action mainly concerns training activities occurring at Ault  
 26 Field and OLF Coupeville. Both Ault Field and OLF Coupeville began operating during World

1 War II. Ault Field is located on the north-central part of the island near Coupeville Oak Harbor  
 2 and OLF Coupeville is located approximately ten miles south, near the town of Coupeville. A  
 3 significant portion of OLF Coupeville lies within the boundary of the Ebey's Landing National  
 4 Historical Reserve. Both airfields may be used by military aircraft at any time, day or night.

5       38. The Navy has designated Ault Field as the home base location for its tactical  
 6 electronic attack community, which includes all EA-18G Growler squadrons. According to the  
 7 Navy, the Growler's mission is to suppress enemy air defenses and communications systems  
 8 and disrupt land-based threats to U.S. ground forces. Growlers are the loudest aircraft currently  
 9 operating at the Whidbey Island Complex.

10       39. In 2005, the Navy conducted an Environmental Assessment to review replacing  
 11 EA-6B Prowler aircrafts with EA-18G Growler Aircrafts. At that time, the Navy anticipated  
 12 operating 57 EA-18G Growlers at the Whidbey Island Complex; over time, that number grew  
 13 to 82 Growlers. With the addition of 36 EA-18G Growlers in this challenged action, the  
 14 Whidbey Island Complex will now support 118 Growlers.

15 **The Navy's NEPA Process and Record of Decision**

16       40. On March 12, 2019, Phyllis L. Bayer, former Assistant Secretary of the Navy,  
 17 issued a Record of Decision implementing Alternative 2A from the Navy's Final  
 18 Environmental Impact Statement for EA-18G "Growler" Airfield Operations at Naval Air  
 19 Station Whidbey Island Complex. Alternative 2A will add 36 EA-18G Growler aircrafts to  
 20 Naval Air Station Whidbey Island, station 628 additional personnel and their family members  
 21 at the Whidbey Island Complex, increase airfield operations at both Ault Field and Outlying  
 22 Landing Field (OLF) Coupeville, and change the distribution of field carrier landing practices  
 23 (FLCPs) to 20 percent occurring at Ault Field and 80 percent occurring at OLF Coupeville.

24       41. Before issuing the Record of Decision, the Navy published a Draft EIS on  
 25 November 10, 2016, Environmental Impact Statements; Notice of Availability, 81 Fed. Reg.  
 26 79,019 (Nov. 16, 2016), and a Final EIS issued on September 28, 2018, Environmental Impact

1 Statements; Notice of Availability, 83 Fed. Reg. 49,089 (Sept. 28, 2018). The Navy received  
 2 more than 4,000 public comments on the Draft EIS, including comments from the Washington  
 3 Department of Fish and Wildlife and the Washington Department of Health. The Navy also  
 4 received comments on its Final EIS, including a comment from Washington Governor, Jay  
 5 Inslee, expressing concerns about adverse impacts to the local education system, housing,  
 6 historic structures, and residents' health and quality of life.

7 **Public Health Impacts**

8 42. The Navy's increase in Growler operations will result in both an increase in the  
 9 number of people exposed to noise and an increase in the level of noise to which individuals  
 10 are exposed. Growler operations generate noticeable low-frequency noise compared to other  
 11 aircraft types, including the EA-6B Prowler, which the Growler replaced.

12 43. This increased noise exposure will impact residential areas, state parks, and  
 13 public schools. Under the selected alternative, more than 12,000 people in the action area will  
 14 be exposed to noise levels at or above 65 decibel day-night average with more than 5,000  
 15 people exposed to noise levels at or above 75 decibel day-night average in a typical training  
 16 year. Increased noise exposure will occur at Coupeville Elementary School, Crescent Harbor  
 17 Elementary School, Deception Pass State Park, Ebey's Landing National Historical Reserve,  
 18 Fort Casey Historical State Park, Fort Ebey State Park, San Juan Islands National Monument,  
 19 and Cama Beach State Park, among other locations.

20 44. In response to the Draft EIS, the Washington State Department of Health  
 21 submitted a report to the Navy concluding that "noise levels similar to those reported from  
 22 NAS Whidbey Island Complex described in all recent reports pose a threat to public health."  
 23 Letter from Clark Halvorson, Assistant Secretary, Washington State Department of Health,  
 24 Division of Environmental Public Health to Naval Facilities Engineering Command Atlantic  
 25 re: Comments on the Environmental Impact Statement for EA-18G Growler Airfield  
 26 Operations at Naval Air Station Whidbey Island, at 14 (Feb. 24, 2017) (emphasis added).

1 While noting the need for additional research to better understand these public health threats  
 2 and the likely nuances associated with noise exposure specific to military aircraft, the  
 3 Department of Health concluded that existing literature provides evidence that noise exposure  
 4 can cause annoyance that adversely impacts mental and cardiovascular health, contribute to  
 5 sleep disturbance, and impair children's cognitive skills, particularly reading skills. *Id.* at 13–  
 6 14. Certain groups are potentially more susceptible to the effects of noise, including children,  
 7 the elderly, shift-works, smokers, and individuals with sleep disorders, mental disorders, and  
 8 physical illnesses. *Id.*

9       45. The Navy's EIS does not adequately assess the nonauditory health impacts from  
 10 its increased Growler operations. Nonauditory health effects are physiological effects on health  
 11 and well-being caused by aircraft noise, including annoyance, cardiovascular health, mental  
 12 health, cognitive impairment, and mortality—in other words, health impacts other than those  
 13 on hearing. The Record of Decision concludes that “the data and research are inconclusive  
 14 with respect to the linkage between potential nonauditory health effects of aircraft noise  
 15 exposure.” Dep’t of the Navy, Record of Decision for the Final Environmental Impact  
 16 Statement (EIS) for EA-18G “Growler” Airfield Operations at Naval Air Station Whidbey  
 17 Island Complex, Island County, Washington, at 11 (Mar. 12, 2019) [hereinafter Record of  
 18 Decision]. To support this conclusion, the Navy applies an unreasonably high standard for  
 19 determining whether increased noise exposure from its Growler operations will have  
 20 nonauditory health impacts. Specifically, the Navy relies on the absence of a significant  
 21 “causal link between aircraft noise … and … nonauditory health effects” to dismiss threats to  
 22 public health. Record of Decision, 11; *see also* Final Environmental Impact Statement for EA-  
 23 18G “Growler” Airfield Operations at Naval Air Station Whidbey Island Complex, Island  
 24 County, Washington, at 3-23 [hereinafter Final EIS or EIS] (“No studies have shown a  
 25 definitive causal and significant relationship between aircraft noise and health.”).

1       46. As the Washington Department of Health noted in comments on the Draft EIS,  
 2 requiring a definitive causal relationship between aircraft noise and health impacts is an  
 3 unreasonably high standard that results in nonauditory health effects being excluded from  
 4 analysis. By relying on this unreasonable standard, the Navy arbitrarily dismisses evidence of  
 5 nonauditory health impacts caused by noise exposure and ignored or undervalued a growing  
 6 body of science indicating key health concerns from noise impacts, including impacts from  
 7 aircraft noise.

8       47. In comments on the Draft EIS, both the Washington Department of Health and  
 9 the U.S. Environmental Protection Agency (EPA) raised concerns about the adequacy of the  
 10 Navy's analysis of noise impacts and encouraged the Navy to consider additional information.  
 11 Although the Navy expanded its review of the literature in response to these concerns, the  
 12 Navy did not add the majority of studies recommended by the Department of Health to its  
 13 analysis of health impacts in the EIS. In addition, the Navy's review did not alter the Navy's  
 14 original conclusion that nonauditory impacts from increased noise were not a concern because  
 15 a "definitive connection" between aircraft noise and nonauditory health effects did not exist. In  
 16 maintaining this conclusion, the Navy arbitrarily dismisses a body of evidence indicating that  
 17 environmental noise, including aircraft noise, has nonauditory health impacts on adults and  
 18 children.

19       48. To the extent the Navy concluded that the science on nonauditory health  
 20 impacts from military aircraft noise is incomplete or unavailable, the Navy fails to meet its  
 21 obligation under 40 C.F.R. § 1502.22, which requires agencies to either include information if  
 22 the cost of obtaining it is not exorbitant or if the cost is exorbitant or the means to obtain it are  
 23 not known to provide certain information and analysis in the EIS.

24       49. The Navy also fails to analyze adequately the cognitive and learning impacts to  
 25 children related to the Navy's increased Growler operations. Cognitive impairment typically is  
 26 measured as the ability to perform a task that is assessed with neurobehavioral tests, written

1 questionnaires, or interviews. As the Department of Health noted in its comments, recent  
 2 research indicates an increasing trend associating noise exposure in children and impaired  
 3 reading skills and memory. Although the Navy's analysis acknowledges that several studies  
 4 suggest aircraft noise impacts academic performance of children, the Navy does not anticipate  
 5 any significant disproportionate health impacts to children from aircraft noise due to limited  
 6 scientific literature and the intermittent nature of aircraft noise. The Navy's conclusion is not  
 7 rational or supported by the scientific evidence in the record. For example, the Navy does not  
 8 explain how its conclusion squares with science demonstrating how aircraft noise impacts  
 9 student academic performance, or consider the potential impacts to academic performance of a  
 10 significant increase in Growler operations.

11       50. In addition, because the EIS does not properly analyze the potential public  
 12 health and cognitive and learning impacts from the Navy's EA-18G Growler expansion  
 13 program, the EIS also fails to sufficiently identify and assess mitigation measures to address  
 14 these impacts.

15 **Wildlife Impacts**

16       51. NEPA requires a detailed review of the environmental impacts of a proposed  
 17 action, including impacts to wildlife in the study area of the proposed action.

18       52. Approximately 230 migratory bird species occur annually within the study area  
 19 defined by the EIS. Some of these species remain in the study area year round, while others  
 20 occur seasonally during spring or fall migrations, the breeding season, or winter. About 120  
 21 species breed annually on Whidbey Island, including rufous hummingbirds, barn swallows,  
 22 and black-headed grosbeaks. In addition more than 120 migratory bird species overwinter  
 23 within the study area, including buffleheads, horned grebes, ruby-crowned kinglets, and  
 24 golden-crowned sparrows. Common year round residents include mallards, great blue herons,  
 25 bald eagles, northern flickers, and song sparrows.

1       53. Washington has designated several bird species in the action area as priority  
 2 species, including the common murre, marbled murrelet, tufted puffin, great blue heron,  
 3 harlequin ducks, and peregrine falcons. Tufted puffins are listed as endangered under  
 4 Washington state law and breed on Smith Island, a small island west of Whidbey Island within  
 5 the action area, and have been seen in the waters of south Lopez Island. Marbled murrelets are  
 6 federally listed as threatened and state listed as endangered. The proposed action area for the  
 7 Navy's Growler expansion provides foraging habitat essential to marbled murrelet survival and  
 8 recovery. The action area also includes habitat for bald eagles and golden eagles.

9       54. The action area for the Navy's expanded Growler operations encompasses  
 10 important bird habitat including portions of the San Juan Islands National Wildlife Refuge, the  
 11 Deception Pass Important Bird Area, the Crescent Harbor Marshes Important Bird Area, the  
 12 Penn Cove Important Bird Area, the Crockett Lake Important Bird Area, the Skagit Bay  
 13 Important Bird Area, and a small part of the Samish/Padilla Bays Important Bird Area. The  
 14 Skagit Bay and Penn Cover Important Bird Areas were designated, in part, due to their  
 15 importance for breeding bald eagles.

16       55. The action area provides habitat for a variety of other wildlife, including harbor  
 17 seals, endangered Southern Resident Killer Whales, Steller sea lions, and western toads.

18       56. The Navy's EIS fails to take a hard look at the impacts on birds and other  
 19 wildlife in the action area of increased noise disturbance from its Growler operations.

20       57. Despite stating that different bird species and mammals react differently to  
 21 noise disturbances, the Navy's analysis does not meaningfully consider species-specific  
 22 impacts from the Navy's Growler operations. The EIS recognizes that "[b]ird responses to  
 23 anthropogenic disturbances, including aircraft noise, vary by species, and may vary by  
 24 situation." Final EIS 4-337. Yet, instead of analyzing how different bird species in the action  
 25 area may respond to the Navy's Growler operations, the EIS engages in a general discussion of  
 26 bird impacts to reach its overall conclusion that birds will not be significantly impacted by

1 Growler operations. Notably, the Navy fails entirely to address impacts to tufted puffins, which  
 2 Washington lists as a state endangered species and, as WDFW pointed out in its comments on  
 3 the Draft EIS, breeds within the action area. In addition, despite receiving comments from  
 4 WDFW emphasizing “that individual shorebird species will react differently [to anthropogenic  
 5 disturbances] and therefore must be considered on a species by species basis,” Marczin et al.,  
 6 Comments of the Washington Department of Fish and Wildlife on the Draft Environmental  
 7 Impact Statement or the EA-18G “Growler” Airfield Operations at NAS Whidbey Island  
 8 Complex, at 3–4 (Feb. 21, 2017), the EIS fails to conduct species-specific evaluation for a  
 9 variety of shorebirds, including for Red knots, solitary sandpipers, and black oystercatchers, all  
 10 of which are shorebirds of conservation concern occurring within the study area. The EIS  
 11 further fails to consider research related to noise impacts on harbor seals and other pinnipeds,  
 12 which WDFW also identified in its comments.

13 58. In responding to comments on the Draft EIS, the Navy explained that it updated  
 14 its analysis in the Final EIS with scientific literature for additional species but stated that it  
 15 continued to “present[] its impact conclusions for the species group as a whole, and not for  
 16 individual species, with the exception of federally protected species.” Appx. M-57.

17 59. The Navy’s general discussion of impacts to wildlife fails to take a hard look at  
 18 the environmental impacts of the Proposed Action.

19 60. In addition, the Navy fails to take a hard look at bird impacts by unreasonably  
 20 concluding that increased Growler operations will not significantly impact bird species. The  
 21 Navy supports this conclusion with three main points: (1) some birds in the action area have  
 22 habituated to the current level of aircraft operations; (2) those that have not habituated or are  
 23 new to the area may respond to aircraft activities by exhibiting alert postures, flushing or  
 24 diving, but will resume normal activities “within a short period after overflights” and thus their  
 25 “critical behaviors,” such as feeding and resting, will not be affected; and (3) the Navy’s  
 26

1 aircraft operations will present “minimal short-term impacts on birds.” Final EIS 4-342. The  
 2 Navy’s analysis in the EIS does not support these conclusions.

3 60.1 First, the Navy’s reliance on habituation to current levels of aircraft  
 4 operations fails to consider that species may react differently to future increased Growler  
 5 operations. That these birds may have tolerated past Navy operations by remaining in the  
 6 action area does not necessarily support tolerance of a 33 percent increase in air traffic.

7 60.2 Second, the Navy’s narrow focus on short-term impacts to critical  
 8 behaviors fails to consider long-term impacts to species health. Specifically, the Navy fails to  
 9 consider the physiological stress or energetic costs caused by the disturbance, does not account  
 10 for potentially more harmful impacts to bird health during breeding season or other sensitive  
 11 times of the year, and contradicts science demonstrating that aircraft operations may have long-  
 12 term impacts on fitness, including the ability to survive to reproductive age, find a mate, and  
 13 produce offspring, outside of short-term impacts to critical behaviors.

14 60.3 Third, the Navy irrationally concludes that Growler aircraft operations  
 15 will result in minimal, short-term impacts on birds. Although the nature of the Navy’s flights  
 16 may be intermittent, the Navy plans to operate over 112,000 flights annually, including 97,500  
 17 Growler flights. The Navy attempts to minimize these impacts by calculating the number of  
 18 hours that birds in the study area would be exposed to Growler events greater than or equal to  
 19 92 decibels. But this simplistic analysis ignores that each flight or pattern operation has the  
 20 potential to impact birds, regardless of the duration of the event. In addition, the Navy’s  
 21 reliance on data documenting Growler exposure at 92 decibels or above contradicts the Navy’s  
 22 admission that birds begin to respond to aircraft noise at as little as 60 decibels.

23 61. The Navy engages in a similarly flawed approach in analyzing impacts to  
 24 federally protected marbled murrelets and bald eagles. As with other birds, the Navy  
 25 unreasonably relies on habituation to existing levels of aircraft activity to dismiss impacts from  
 26 the Navy’s increased Growler operations. Notably, while the Navy notes that sensory

1 disturbance from aircrafts may affect marbled murrelets, the Navy fails to address the energetic  
 2 consequences of responses to Growlers, including impacts to adult marbled murrelet survival  
 3 and reproduction and indirect impacts to nestling murrelets, including impacts to growth,  
 4 development and survival of chicks that were identified by the U.S. Fish and Wildlife Service  
 5 (FWS) in its Biological Opinion assessing marbled murrelet impacts from the Navy's increased  
 6 Growler operations.

7       62. The Navy similarly dismisses impacts to bald eagles by relying on the  
 8 habituation of breeding bald eagles to aircraft noise and the small annual increases in hours of  
 9 aircraft noise. Final EIS 4-345. As with other birds, the Navy's conclusion unreasonably  
 10 conflates the presence of bald eagles with an absence of adverse impacts from noise  
 11 disturbance, ignores the Navy's own analysis demonstrating that bald eagles respond to  
 12 military jets during breeding seasons, and irrationally considers impact based on annual hours  
 13 of noise as opposed to instances of noise disruption from increased Growler flight operations.

14       63. The EIS further fails to take a hard look at environmental impacts to other  
 15 wildlife, including terrestrial mammals, marine mammals, and reptiles and amphibians, by  
 16 relying on the same flawed conclusions the Navy used for bird species. As with birds, the Navy  
 17 unreasonably concludes that impacts will not be significant because some species have  
 18 habituated to current levels of disturbance, that those species that do react will quickly resume  
 19 normal activities without considering longer-term fitness costs associated with the response,  
 20 and that the impact from the approximate 33 percent increase in aircraft operations will be  
 21 minimal by focusing on annual hours of Growler activity as opposed to the number of  
 22 disruptive noise events that will occur. The Navy's analysis fails to meet its obligations under  
 23 NEPA to carefully consider the environmental impacts of its proposed action.

24       64. In addition, the EIS fails to sufficiently identify and assess mitigation measures  
 25 to reduce impacts on wildlife as required by NEPA. Although Appendix H to the EIS contains  
 26 a discussion of mitigation measures, none of the mitigation measures discussed focus on

1 reducing impacts to wildlife. As a result, Defendants fail to meet their obligations under NEPA  
 2 to consider mitigation measures.

3 **The Navy's NHPA Process**

4 65. Section 106 of the National Historic Preservation Act requires federal agencies  
 5 to consider the impact of proposed actions on historic resources.

6 66. Although the Navy initiated its Section 106 review process in autumn 2014 by  
 7 contacting consulting parties, including the Washington State Historic Preservation Office  
 8 (SHPO), the Navy did not release its Determination of Adverse Effect until June 2018. The  
 9 Determination of Adverse Effect concluded that the increased frequency of noise exposure will  
 10 adversely and indirectly affect characteristics of the Central Whidbey Island Historic District  
 11 that make it eligible for inclusion in the National Register of Historic places.

12 67. The Central Whidbey Island Historic District was deemed eligible for listing in  
 13 the National Register of Historic Places in 1973 due in large part to one of the largest intact  
 14 collections of nineteenth century residential and commercial structures in rural Washington. In  
 15 1978, Congress created Ebey's Landing National Historic Reserve, which incorporates the  
 16 Central Whidbey Island Historic District, to preserve and protect "a rural community which  
 17 provides an unbroken historical record from nineteenth century exploration and settlement in  
 18 Puget Sound to present time" and to commemorate exploration and settlement of Whidbey  
 19 Island. Pub. L. 95-625 § 508(a). Together, the Reserve and District celebrate rich and assorted  
 20 natural and cultural resources that have great significance to Pacific Northwest and national  
 21 history. The area's views and perceptive qualities, including the soundscape, contribute to the  
 22 landscape's authenticity as a cohesive historical and cultural landscape.

23 68. The Determination of Adverse Effect stated that the Navy's Growler operations  
 24 would adversely affect the perceptual qualities of certain areas within the Central Whidbey  
 25 Island Historic District that contribute to the significance of the landscape. At that time, the  
 26 Navy proposed to mitigate these effects by installing interpretive signs at affected locations,

1 supporting partnership opportunities with the federal Readiness and Environmental Protection  
 2 Integration (REPI) program, and supporting online inventory of historic properties at Ebey's  
 3 Reserve.

4       69. The Determination of Adverse Effect triggered the Navy's obligation to consult  
 5 with the SHPO, other consulting parties, and the public to develop alternatives or  
 6 modifications to the Navy's proposed action that could avoid, minimize, or mitigate the  
 7 adverse effects. 36 C.F.R. § 800.6.

8       70. Although the SPHO concurred in the Navy's June 2018 Determination of  
 9 Adverse Effect, it consistently expressed concern that the Navy's proposed mitigation  
 10 measures were inadequate to address adverse effects on impacted historic resources. The  
 11 Ebey's Landing Historical Reserve Trust Board, among other consulting parties, also  
 12 expressed concern about the adequacy of the Navy's proposed mitigation measures to address  
 13 the impacts from the Navy's increased Growler operations.

14       71. After a series of meetings and communications with consulting parties about  
 15 appropriate measures to mitigate the harm to historic resources from the Navy's increased  
 16 Growler operations, the Navy terminated consultation on November 30, 2018. In terminating  
 17 consultation, the Navy stated further consultation was no longer productive due to  
 18 disagreement on the type and amount of mitigation appropriate to resolve adverse effects to  
 19 historic properties and the Navy's operational requirements that dictated a need to make a  
 20 decision on the undertaking. The Navy terminated consultation just four months after the Navy  
 21 provided its finding of adverse effect to the consulting parties. At the time the Navy terminated  
 22 consultation, its proposed mitigation measures included providing up to \$1 million funding to  
 23 the National Park Service (NPS) to support preservation projects at Ferry House, an NPS-  
 24 owned historic structure at Admiralty Inlet; providing \$75,000 to the NPS to install interpretive  
 25 signs with historic information at affected locations; and supporting partnership opportunities  
 26 with the federal REPI program and the federal Sentinel Landscape program.

1       72. After terminating consultation, the Navy sought comments from the federal  
 2 Advisory Council on Historic Preservation as required by Section 106 regulations. The Council  
 3 issued comments on February 19, 2019, recommending, among other things, that the Navy  
 4 mitigate adverse effects by: (1) working with stakeholders to monitor noise impacts associated  
 5 with expanded Growler operations to have a fuller understanding of effects and measures to  
 6 address them; (2) committing to working with stakeholders to develop mitigation measures  
 7 based on the results of the recommended monitoring; and (3) working with stakeholders to  
 8 identify potential changes to operational procedures to reduce noise. The ACHP comments  
 9 specifically recommended that the Navy consider a broader range of funding to support  
 10 measures to advance the long-term preservation of the historic characteristics of the Central  
 11 Whidbey Island Historic Reserve beyond the previously proposed funding for the National  
 12 Park Service to rehabilitate the Ferry House. The Council's comments further noted that the  
 13 discussion with consulting parties regarding alternatives to avoid, minimize, or mitigate  
 14 adverse effects of the Navy's Growler operations was severely limited by the Navy's timeline  
 15 for concluding its NEPA process.

16       73. Less than three weeks later, the Navy's Section 106 decision declined to adopt  
 17 the ACHP's recommendation for additional noise monitoring efforts, declined to engage in  
 18 further discussions with stakeholders to identify mitigation measures, and declined to examine  
 19 other creative means of funding and carrying out mitigation measures. Instead, the Navy  
 20 adopted similar, but lessened mitigation measures to those it proposed before terminating  
 21 consultation: providing \$867,000 funding to the NPS to support Ferry House preservation  
 22 projects; providing up to \$20,000 to the NPS for interpretive historical signs at affected  
 23 locations; and supporting partnership opportunities with the federal REPI program and the  
 24 federal Sentinel Landscape program.

25       74. On March 8, 2019, Secretary of the Navy Richard V. Spencer issued the Navy's  
 26 decision under Section 106 of the NHPA to move forward with the proposed undertaking of

expanding EA-18G Growler operations at the Whidbey Island Complex. Secretary Spencer's Section 106 decision noted the Navy's determination that increased Growler operations would result in adverse indirect effects to the Central Whidbey Island Historic District by affecting perceptual qualities of certain locations that contribute to the significance of the Historic District landscape.

75. The Navy's Section 106 decision does not provide a rational explanation for its final decision on the undertaking, including the Navy's adoption of mitigation measures and the Navy's consideration of the Council's comments. The mitigation measures adopted in the Section 106 decision and the Record of Decision are arbitrary and capricious because they do not represent a reasonable and good faith effort to address the adverse impacts to the Central Whidbey Island Historic District and Ebey's Landing Historical Reserve caused by the Navy's expanded EA-18G Growler operations.

## VII. FIRST CAUSE OF ACTION (Violation of NEPA and the APA: Failure to Take a Hard Look at Public Health Impacts)

76. Plaintiff repeats and incorporates by reference the allegations contained in paragraphs 1 through 75 above.

77. NEPA requires that federal agencies take a “hard look” at the significant impacts on the human environment of any proposed major federal action. *See*, 42 U.S.C. § 4332; *Blue Mountains Biodiversity Project v. Blackwood*, 161 F.3d 1208, 1211 (9th Cir. 1998). “The hallmarks of a ‘hard look’ are thorough investigation into environmental impacts and forthright acknowledgement of the potential environmental harms.” *Nat’l Audubon Soc’y v. Dep’t of Navy*, 422 F.3d 174, 187 (4th Cir. 2005) (citing *Robertson v. Methow Valley Citizens Council*, 490 U.S. 332, 350 (1989)).

78. NEPA and its implementing regulations require Defendants to prepare a detailed environmental impact statement that assesses the environmental impacts of the

1 proposed action, including direct and reasonably foreseeable indirect environmental impacts.  
 2 42 U.S.C § 4332(C); 40 C.F.R. §§ 1502.16, 1508.8. Impacts of a proposed action include  
 3 ecological, aesthetic, historic, cultural, economic, social, and health impacts. *Id.* § 1508.8(b).  
 4 An agency must ensure the “professional integrity, including scientific integrity, of the  
 5 discussions and analyses in environmental impact statements” and must rely on “high quality”  
 6 and “accurate scientific analysis.” 40 C.F.R. §§ 1500.1; 1502.24. In addition, an agency “shall  
 7 identify any methodologies used and shall make explicit reference by footnote to the scientific  
 8 and other resource relied upon for conclusions in the statement.” *Id.* § 1502.24. An EIS “shall  
 9 provide a full and fair discussion of significant environmental impacts” and “shall be supported  
 10 by evidence that the agency has made the necessary environmental analyses.” 50 C.F.R.  
 11 § 1502.1.

12       79.     In evaluating reasonably foreseeable significant adverse effects on the human  
 13 environment, an agency must disclose any incomplete or unavailable information. 40 C.F.R.  
 14 § 1502.22. If the incomplete information is essential to a reasoned choice among alternatives,  
 15 the EIS must include the information in the EIS if the cost of obtaining the information is not  
 16 exorbitant. *Id.* § 1502.22(a). However, if such information cannot be obtained, the EIS should  
 17 include: “(1) a statement that such information is incomplete or unavailable; (2) a statement of  
 18 the relevance of such information to evaluating the reasonably foreseeable significant adverse  
 19 impacts on the human environment; (3) a summary of existing credible scientific evidence  
 20 which is relevant to evaluating the reasonably foreseeable significant adverse impacts on the  
 21 human environment; and (4) the agency’s evaluation of such impacts based upon theoretical  
 22 approaches or research methods generally accepted in the scientific community.” *Id.*  
 23 § 1502.22(b).

24       80.     In violation of these mandates, Defendants’ EIS relies on an inadequate and  
 25 irrational analysis of the public health impacts related to the Navy’s expansion of its EA-18G  
 26 Growler operations at the Whidbey Island Complex. The available information, including

1 information provided by state and federal agencies and the public, detail the potential threats to  
 2 public health, including non-auditory health and cognitive impacts, from increased noise  
 3 disturbance caused by the Navy's EA-18G Growler operations. As the Washington Department  
 4 of Health stated, the noise levels generated by EA-18G Growler operations pose a threat to  
 5 public health. The EIS, however, fails to analyze adequately and rationally these impacts to  
 6 nonauditory health and cognitive ability and further fails to provide a sufficient explanation  
 7 regarding any incomplete or unavailable information.

8 81. The EIS does not contain sufficient information or adequate analysis of the  
 9 environmental impacts of the proposed action to foster informed decision-making or informed  
 10 public participation. For these reasons, the EIS and the Record of Decision which relies on the  
 11 EIS are arbitrary, capricious, an abuse of discretion, and otherwise not in accordance with law  
 12 and without observance of procedure required by law in violation of NEPA, 42 U.S.C. § 4332,  
 13 and its implementing regulations, and the APA, 5 U.S.C. §§ 701–706.

14 **VIII. SECOND CAUSE OF ACTION**  
 15 **(Violation of NEPA and the APA:**  
**Failure to Take a Hard Look at Wildlife Impacts)**

16 82. Plaintiff repeats and incorporates by reference the allegations contains in  
 17 paragraphs 1 through 81 above.

18 83. NEPA requires that federal agencies take a “hard look” at the significant  
 19 impacts on the human environment of any proposed major federal action. *See* 42 U.S.C.  
 20 § 4332; *Blue Mountains Biodiversity Project*, 161 F.3d at 1211. “The hallmarks of a ‘hard  
 21 look’ are thorough investigation into environmental impacts and forthright acknowledgement  
 22 of the potential environmental harms.” *Nat'l Audubon Soc'y*, 422 F.3d at 187 (citing  
 23 *Robertson*, 490 U.S. at 350.

24 84. NEPA and its implementing regulations require Defendants to prepare a  
 25 detailed environmental impact statement that assesses the environmental impacts of the  
 26

1 proposed action, including direct and reasonably foreseeable indirect environmental impacts.  
 2 42 U.S.C § 4332(C); 40 C.F.R. §§ 1502.16, 1508.8. Impacts of a proposed action include  
 3 ecological, aesthetic, historic, cultural, economic, social, and health impacts. *Id.* § 1508.8(b).  
 4 An agency must ensure the “professional integrity, including scientific integrity, of the  
 5 discussions and analyses in environmental impact statements” and must rely on “high quality”  
 6 and “accurate scientific analysis.” 40 C.F.R. §§ 1500.1; 1502.24. In addition, an agency “shall  
 7 identify any methodologies used and shall make explicit reference by footnote to the scientific  
 8 and other resource relied upon for conclusions in the statement.” *Id.* § 1502.24. An EIS “shall  
 9 provide a full and fair discussion of significant environmental impacts” and “shall be supported  
 10 by evidence that the agency has made the necessary environmental analyses.” 40 C.F.R.  
 11 § 1502.1.

12       85.     In violation of these mandates, Defendants’ EIS relies on an inadequate and  
 13 irrational analysis of the wildlife impacts related to the Navy’s expansion of its EA-18G  
 14 Growler operations at the Whidbey Island Complex. The Navy’s cursory analysis of impacts to  
 15 wildlife violates NEPA. *See Nat’l Audubon Soc ’y*, 422 F.3d at 192–94. The Navy improperly  
 16 dismisses impacts to wildlife by failing to consider available information and reaching  
 17 conclusions not supported by the record.

18       86.     The EIS does not contain sufficient information or adequate analysis of the  
 19 environmental impacts of the proposed action to foster informed decision-making or informed  
 20 public participation. For these reasons, the EIS and the Record of Decision which relies on the  
 21 EIS are arbitrary, capricious, an abuse of discretion, and otherwise not in accordance with law  
 22 and without observance of procedure required by law in violation of NEPA, 42 U.S.C. § 4332,  
 23 and its implementing regulations, and the APA, 5 U.S.C. §§ 701–706.

## IX. THIRD CAUSE OF ACTION (Violation of NEPA and the APA: Failure to Consider Appropriate Mitigation Measures)

87. Plaintiff repeats and incorporates by reference the allegations contained in paragraphs 1 through 86 above.

88. “Implicit in NEPA’s demand that an agency prepare a detailed statement on ‘any adverse environmental effects which cannot be avoided should the proposal be implemented,’ is an understanding that the EIS will discuss the extent to which adverse effects can be avoided.” *Robertson v. Methow Valley Citizens Council*, 490 U.S. 332, 351–52 (1989) (quoting 42 U.S.C. § 4332(C)(ii)). Accordingly, NEPA’s implementing regulations require that an agency address “appropriate mitigation measures not already included in the proposed action or alternative.” 40 C.F.R. §§ 1502.14(f); *see also* 1502.16(h).

89. The EIS fails to adhere to this mandate by not considering reasonable mitigation measures related to wildlife, public health, or historic impacts. For this reason, the EIS and the Record of Decision which relies on the EIS are arbitrary, capricious, an abuse of discretion, and otherwise not in accordance with law and without observance of procedure required by law in violation of NEPA, 42 U.S.C. § 4332, and its implementing regulations, and the APA, 5 U.S.C. §§ 701–706.

**X. FOURTH CAUSE OF ACTION**  
**(Violation of the APA and NHPA: Adoption of Arbitrary and Capricious Measures to**  
**Avoid or Mitigate Adverse Effects)**

90. Plaintiff repeats and incorporates by reference the allegations contained in paragraphs 1 through 89.

91. “Under NHPA, a federal agency must make a reasonable and good faith effort to ... assess the effects of the undertaking on any eligible historic properties found, ... determine whether the effect will be adverse, ... and avoid or mitigate any adverse effects, ....”

1 omitted). Where a federal agency terminates consultation, the agency's final decision on the  
 2 undertaking must summarize its decision, provide rationale for the decision, and demonstrate  
 3 that the agency took into account the Council's comments in reaching a final decision.

4 36 C.F.R. § 800.7(a)(4). Under the APA, a final agency decision may be set aside if it is  
 5 "arbitrary, capricious, an abuse of discretion, or otherwise not in accordance with law" or  
 6 "without observance of procedure required by law." 5 U.S.C. § 706(2)(A), (D).

7 92. The Navy's Section 106 decision violates these mandates. Although Navy  
 8 concluded that its expanded EA-18G Growler program would have adverse effects on the  
 9 characteristics of the Central Island Historic District that make it eligible for the National  
 10 Register of Historic Places, the Navy violated NHPA's mandate by failing to make a  
 11 reasonable and good faith effort to avoid or mitigate these adverse effects. Instead, the Navy  
 12 adopted arbitrary and capricious mitigation measures that do not meaningfully address the  
 13 adverse effects on historic resources in the Central Whidbey Island Historic District and the  
 14 Ebey's Landing Historic Reserve that will be caused by the Navy's expanded EA-18G Growler  
 15 operations. In addition, the Navy's Section 106 decision does not provide a rational  
 16 explanation for its final decision on the undertaking, including the Navy's adoption of  
 17 mitigation measures and the Navy's consideration of the Council's comments.

18 93. For this reason, the Section 106 Determination and the Record of Decision  
 19 which relies on the Section 106 Determination are arbitrary, capricious, an abuse of discretion,  
 20 and otherwise not in accordance with law and without observance of procedure required by law  
 21 in violation of the NHPA, 54 U.S.C. § 306108, and its implementing regulations, and the APA,  
 22 5 U.S.C. §§ 701–706.

## XI. RELIEF REQUESTED

WHEREFORE, the State respectfully requests that this Court:

A. Enter a declaratory judgment that Defendants have violated and are violating the National Environmental Policy Act and the Administrative Procedure Act by adopting and relying on a legally deficient EIS to issue the challenged Record of Decision.

B. Enter a declaratory judgment that Defendants have violated and are violating the National Historic Preservation Act and the Administrative Procedure Act by relying on a legally deficient Section 106 decision to issue the challenged Record of Decision.

C. Vacate and set aside Defendants' Record of Decision.

D. Vacate and set aside Defendants' Section 106 decision.

E. Issue any appropriate injunctive relief.

F. Award Plaintiff State of Washington, the costs of this action, including reasonable attorneys' fees and litigation expenses.

G. Grant Plaintiff State of Washington such further relief as the Court may deem just and proper.

DATED this 9th day of July, 2019.

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